

Data File : VV015154.D
Acq On : 25 Mar 2020 23:21
Operator : SY/MD
Sample : L1968-08 100X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0DD8

Quant Time: Mar 26 02:06:52 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032520WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 26 02:00:02 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	590346	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	573627	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	259559	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	208697	42.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.56%
7) Chloroethane-d5	1.58	69	197636	44.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.40%
11) 1,1-Dichloroethene-d2	2.12	63	335154	34.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.94%
21) 2-Butanone-d5	3.94	46	277995	85.83	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.83%
24) Chloroform-d	4.38	84	363365	44.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.76%
26) 1,2-Dichloroethane-d4	5.06	65	248363	46.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.50%
32) Benzene-d6	5.07	84	745954	45.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.20%
36) 1,2-Dichloropropane-d6	6.10	67	235475	44.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.72%
41) Toluene-d8	7.34	98	719041	45.49	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.98%
43) trans-1,3-Dichloropropene-	7.64	79	110479	38.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.86%
47) 2-Hexanone-d5	8.12	63	235997	89.77	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.77%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	343390	44.43	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.86%
64) 1,2-Dichlorobenzene-d4	11.65	152	255166	43.95	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.90%

Target Compounds

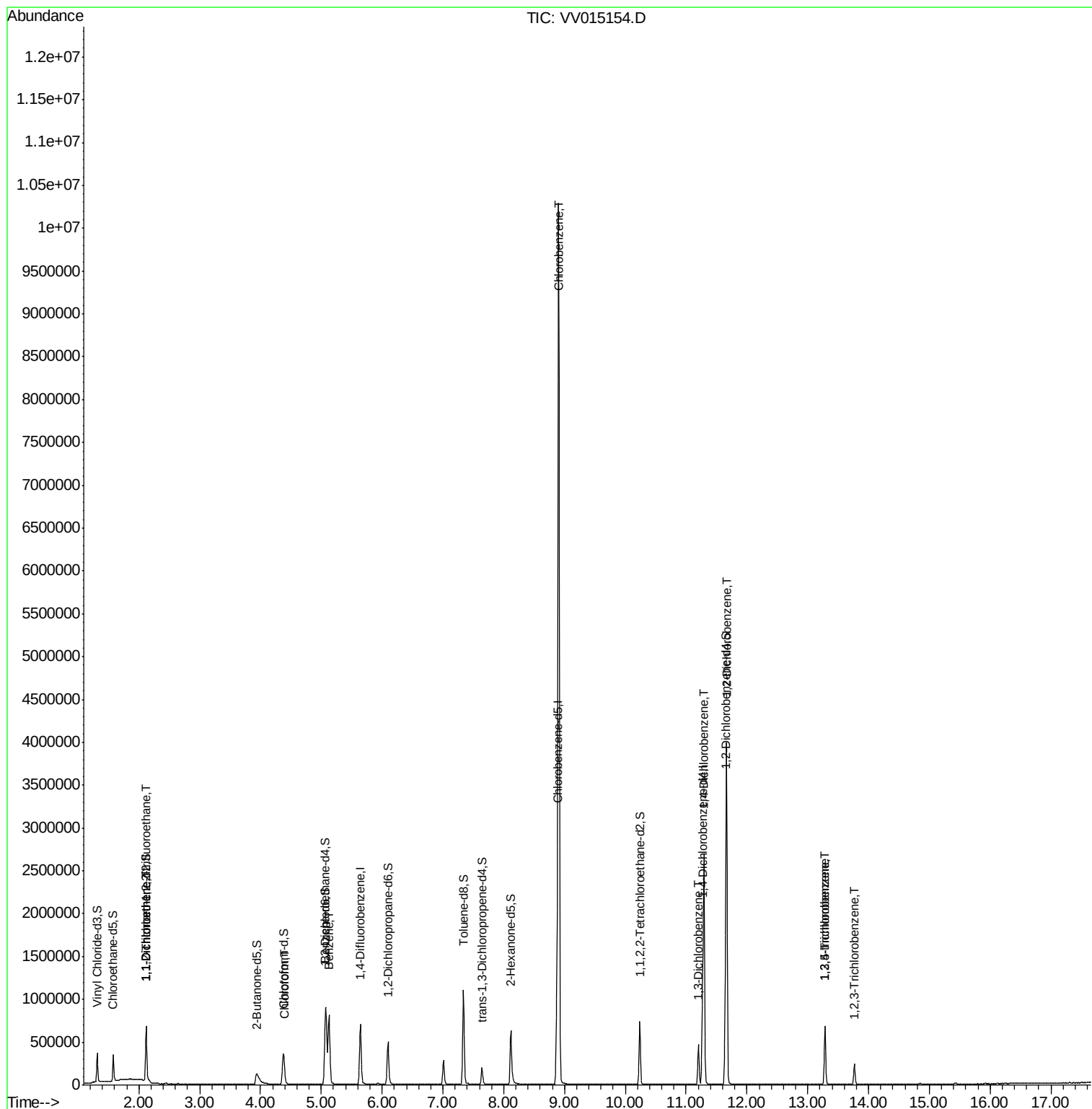
						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	3678	0.892	ug/L #	29
12) 1,1-Dichloroethene	2.12	96	2900	0.730	ug/L #	1
25) Chloroform	4.40	83	7295	1.089	ug/L	92
33) Benzene	5.13	78	829091	56.165	ug/L	100
51) Chlorobenzene	8.90	112	5164673	485.306	ug/L	98
62) 1,3-Dichlorobenzene	11.20	146	169977	22.359	ug/L	96
63) 1,4-Dichlorobenzene	11.30	146	947005	122.274	ug/L	97
65) 1,2-Dichlorobenzene	11.67	146	1384559	180.516	ug/L	98
67) 1,3,5-Trichlorobenzene	13.28	180	175327	34.224	ug/L	99
68) 1,2,4-trichlorobenzene	13.28	180	175327	36.349	ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	60764	12.677	ug/L	100

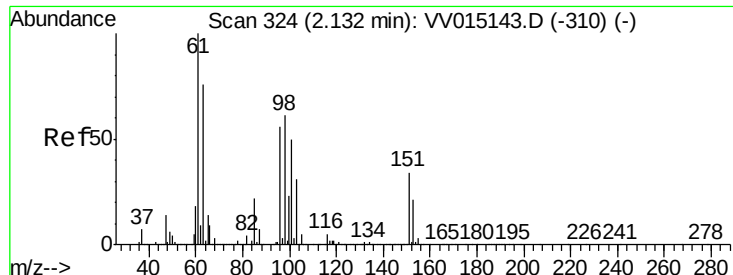
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.892 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

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C0DD8

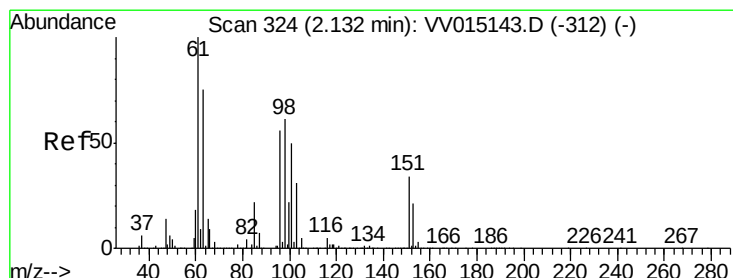
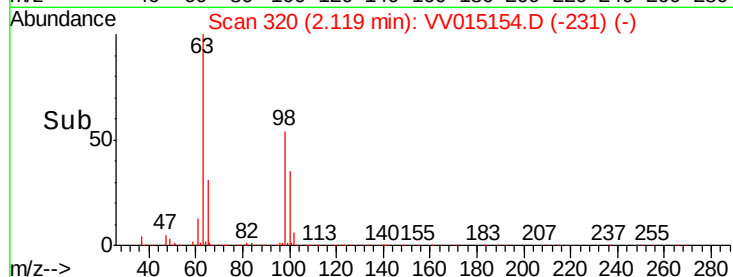
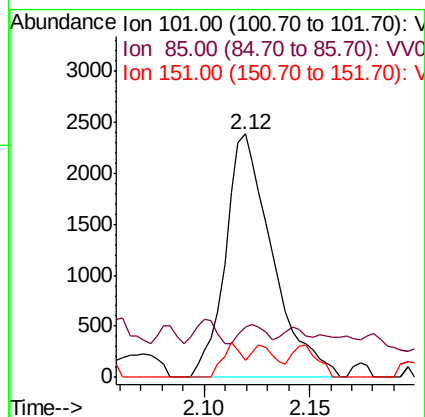
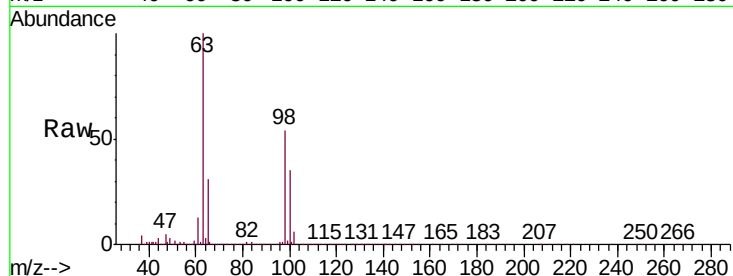
Tgt Ion:101 Resp: 3678

Ion Ratio Lower Upper

101 100

85 4.2 36.0 54.0#

151 7.0 56.2 84.2#



#12

1,1-Dichloroethene

Concen: 0.730 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV015154.D

Acq: 25 Mar 2020 23:21

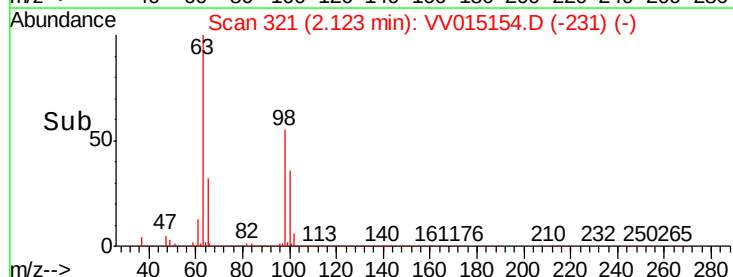
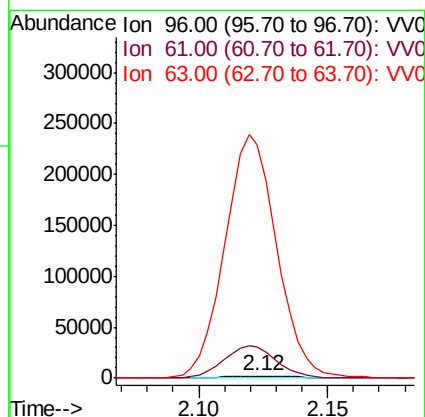
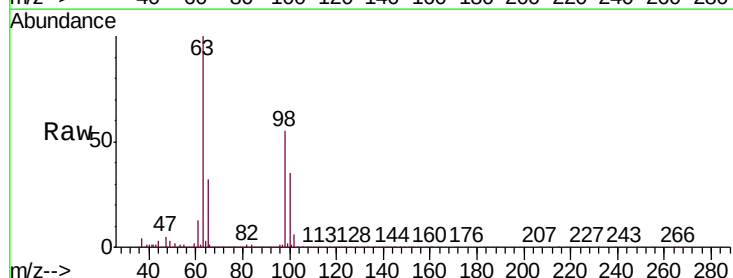
Tgt Ion: 96 Resp: 2900

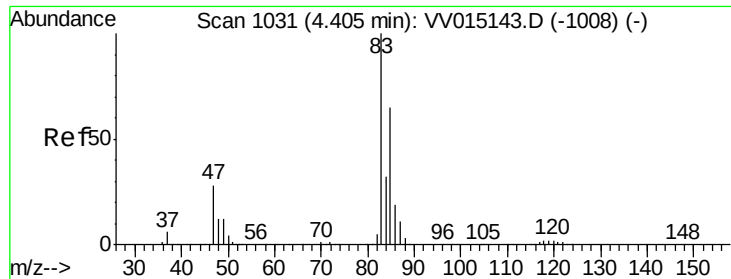
Ion Ratio Lower Upper

96 100

61 1575.5 128.6 238.8#

63 11892.4 97.5 181.1#

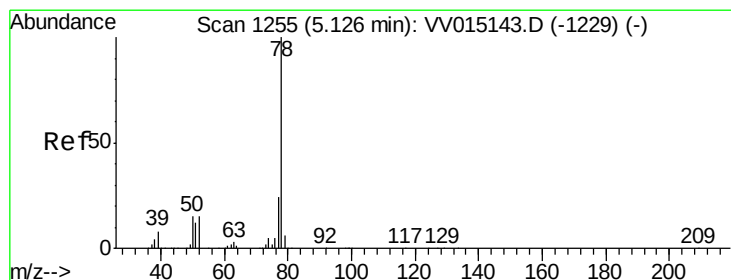
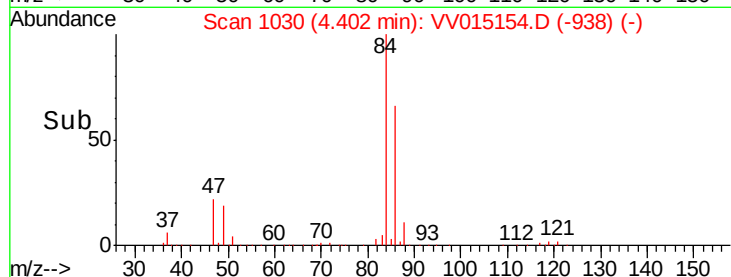
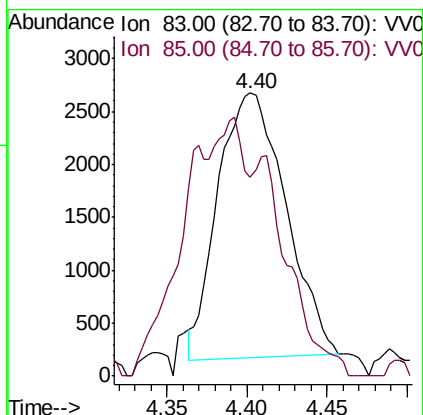
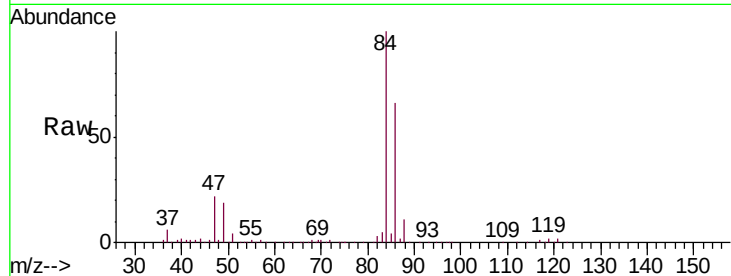




#25
Chloroform
Concen: 1.089 ug/L
RT: 4.40 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VV015154.D
Acq: 25 Mar 2020 23:21

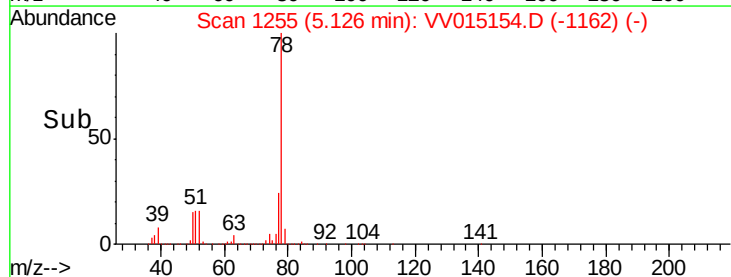
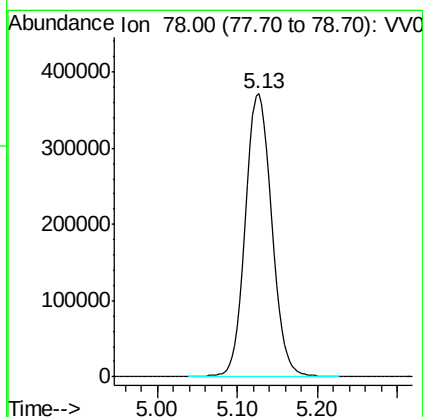
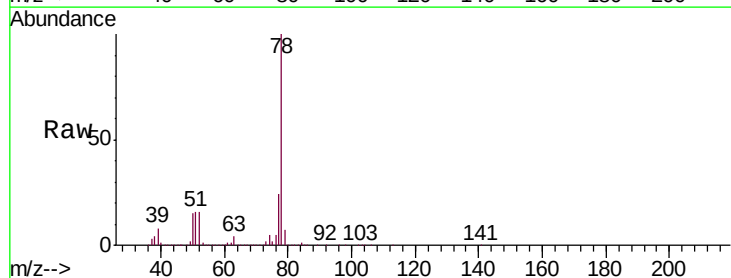
Instrument :
MSVOA_V
ClientSampleId :
C0DD8

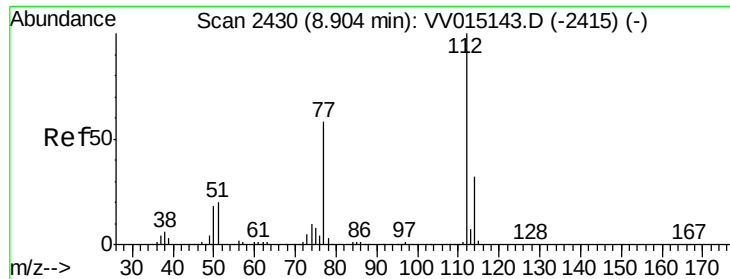
Tgt Ion: 83 Resp: 7295
Ion Ratio Lower Upper
83 100
85 70.1 44.8 83.2



#33
Benzene
Concen: 56.165 ug/L
RT: 5.13 min Scan# 1255
Delta R.T. 0.00 min
Lab File: VV015154.D
Acq: 25 Mar 2020 23:21

Tgt Ion: 78 Resp: 829091

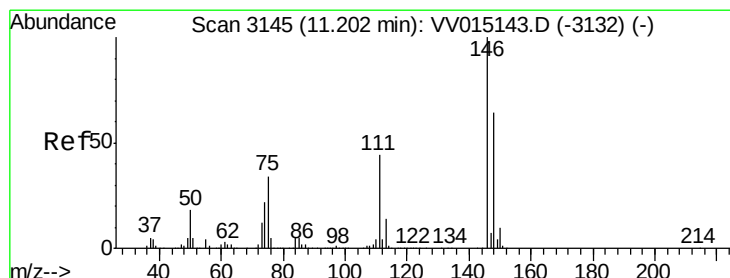
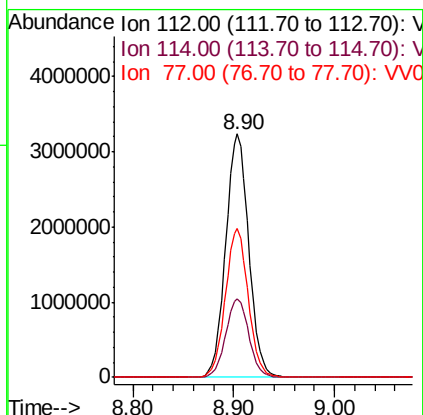
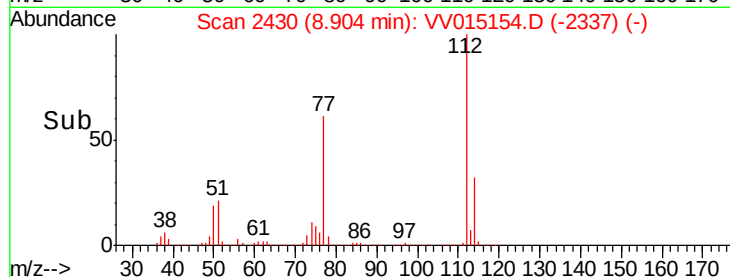
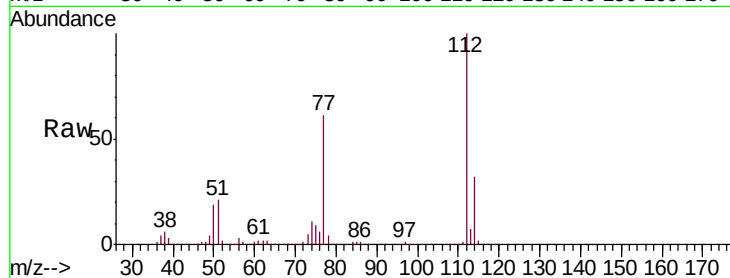




#51
Chlorobenzene
Concen: 485.306 ug/L
RT: 8.90 min Scan# 2430
Delta R.T. 0.00 min
Lab File: VV015154.D
Acq: 25 Mar 2020 23:21

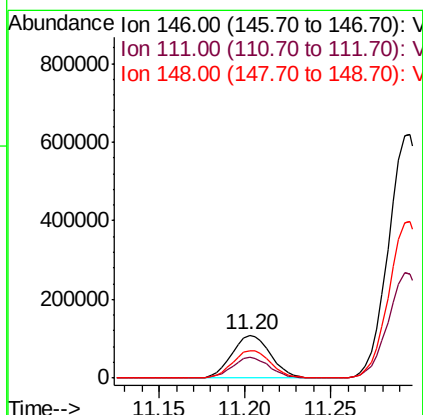
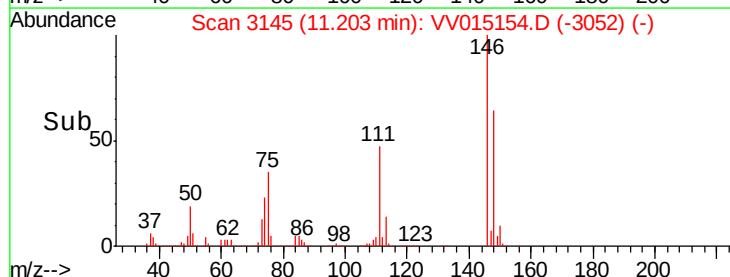
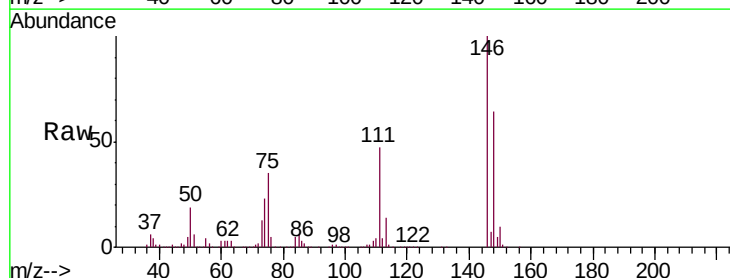
Instrument :
MSVOA_V
ClientSampled :
C0DD8

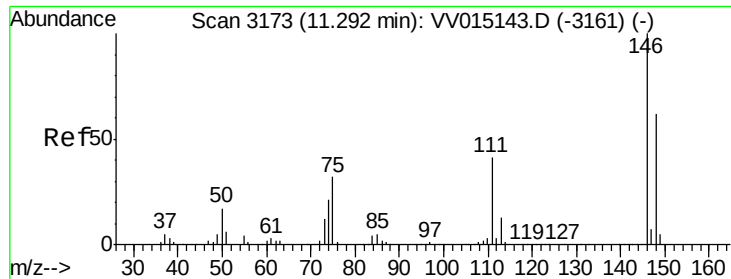
Tgt Ion:112 Resp: 5164673
Ion Ratio Lower Upper
112 100
114 32.4 22.0 40.8
77 60.9 47.2 70.8



#62
1,3-Dichlorobenzene
Concen: 22.359 ug/L
RT: 11.20 min Scan# 3145
Delta R.T. 0.00 min
Lab File: VV015154.D
Acq: 25 Mar 2020 23:21

Tgt Ion:146 Resp: 169977
Ion Ratio Lower Upper
146 100
111 47.2 29.3 54.5
148 64.1 44.7 82.9

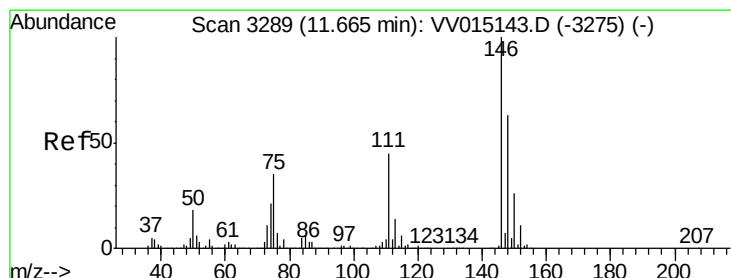
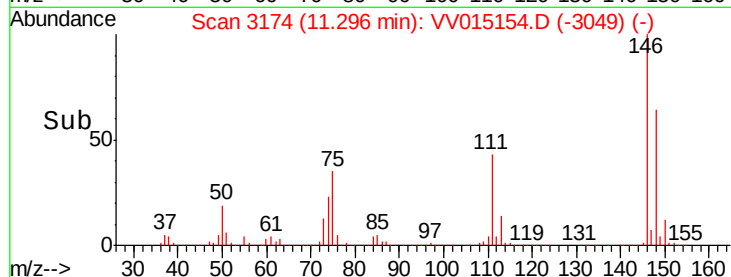
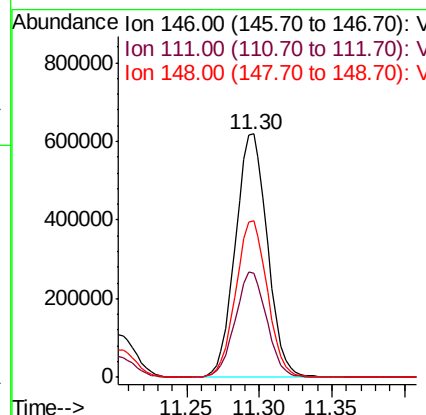
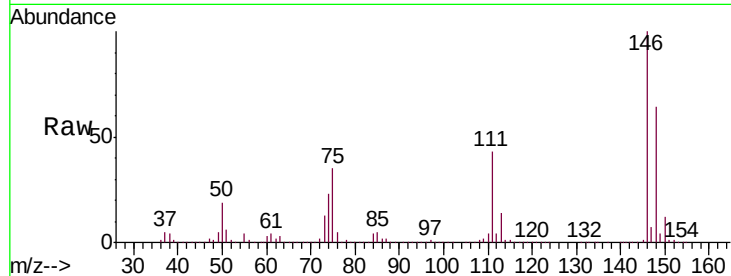




#63
 1,4-Dichlorobenzene
 Concen: 122.274 ug/L
 RT: 11.30 min Scan# 3174
 Delta R.T. 0.00 min
 Lab File: VV015154.D
 Acq: 25 Mar 2020 23:21

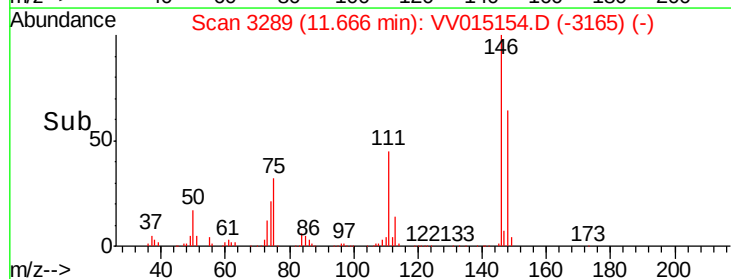
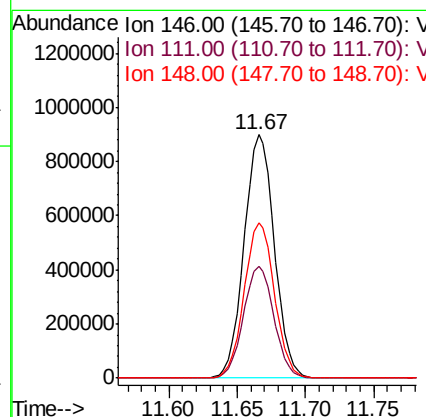
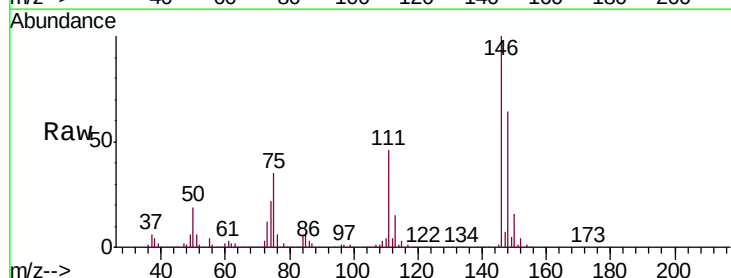
Instrument :
 MSVOA_V
 ClientSampleId :
 C0DD8

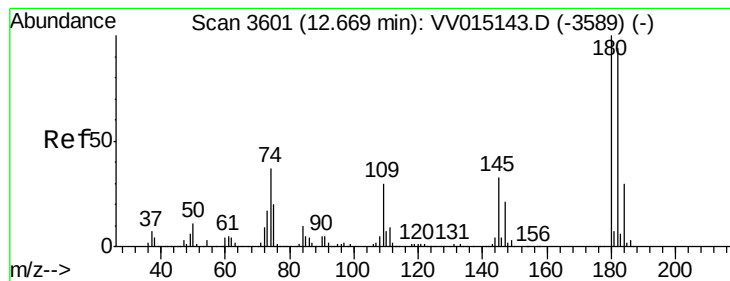
Tgt Ion:146 Resp: 947005
 Ion Ratio Lower Upper
 146 100
 111 42.9 28.4 52.8
 148 64.5 44.0 81.8



#65
 1,2-Dichlorobenzene
 Concen: 180.516 ug/L
 RT: 11.67 min Scan# 3289
 Delta R.T. 0.00 min
 Lab File: VV015154.D
 Acq: 25 Mar 2020 23:21

Tgt Ion:146 Resp: 1384559
 Ion Ratio Lower Upper
 146 100
 111 45.7 35.4 53.2
 148 63.8 49.7 74.5





#67

1,3,5-Trichlorobenzene

Concen: 34.224 ug/L

RT: 13.28 min Scan# 3792

Delta R.T. 0.61 min

Lab File: VV015154.D

Acq: 25 Mar 2020 23:21

Instrument :

MSVOA_V

ClientSampleId :

C0DD8

Tgt Ion:180 Resp: 175327

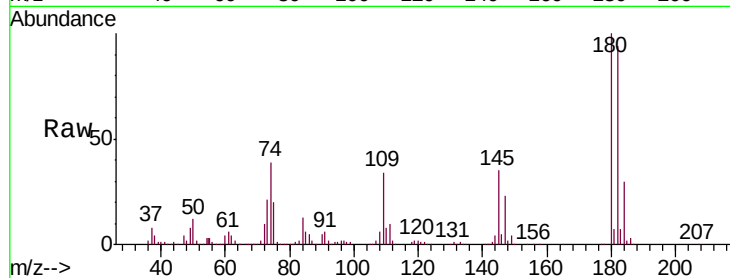
Ion Ratio Lower Upper

180 100

182 95.0 76.1 114.1

184 30.0 24.4 36.6

145 35.5 26.7 40.1

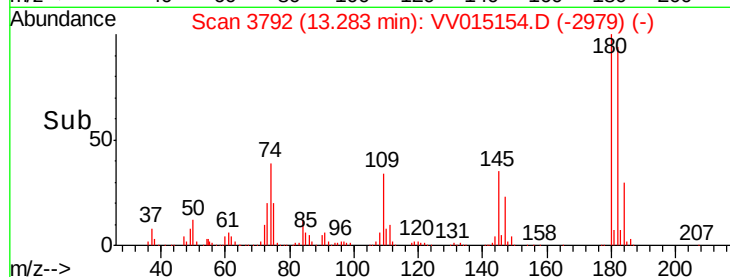
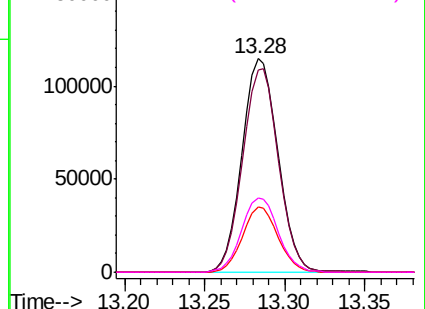


Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 184.00 (183.70 to 184.70): V

Ion 145.00 (144.70 to 145.70): V



#68

1,2,4-trichlorobenzene

Concen: 36.349 ug/L

RT: 13.28 min Scan# 3792

Delta R.T. 0.00 min

Lab File: VV015154.D

Acq: 25 Mar 2020 23:21

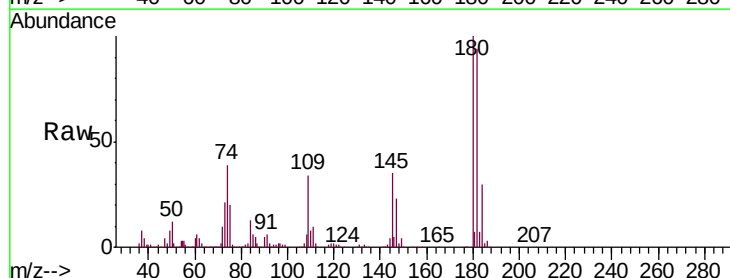
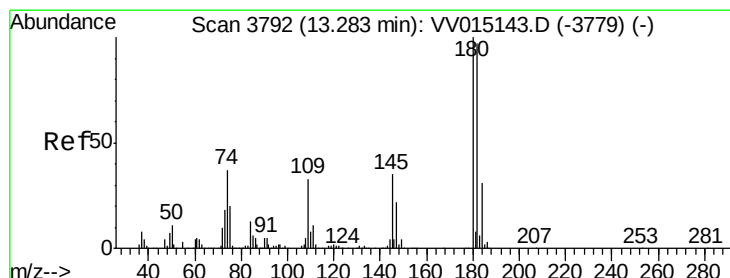
Tgt Ion:180 Resp: 175327

Ion Ratio Lower Upper

180 100

182 95.0 76.1 114.1

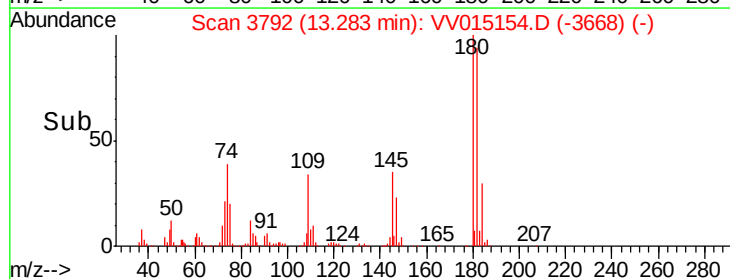
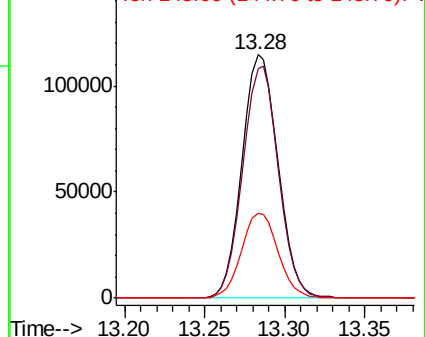
145 35.5 26.6 40.0

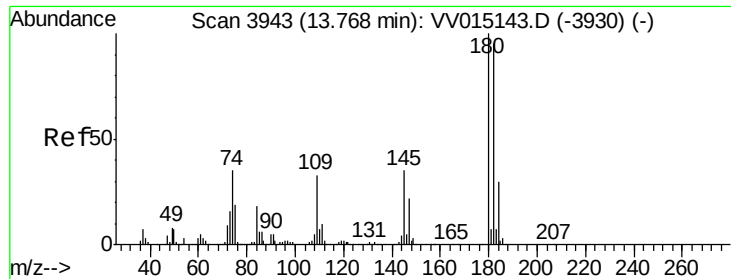


Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V





#70

1,2,3-Trichlorobenzene

Concen: 12.677 ug/L

RT: 13.77 min Scan# 3943

Delta R.T. 0.00 min

Lab File: VV015154.D

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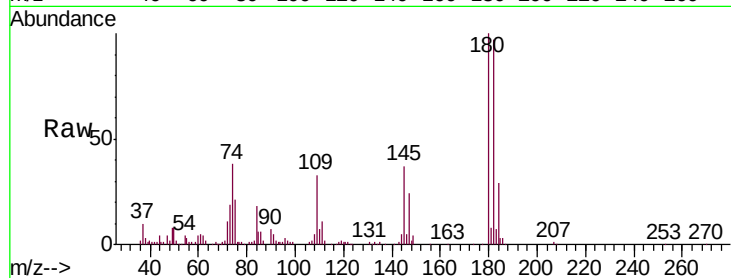
Tgt Ion:180 Resp: 60764

Ion Ratio Lower Upper

180 100

182 95.3 76.3 114.5

145 37.4 29.6 44.4



Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

